Integrations: what, why and how

Qargo offers a host of integrations, connecting TMS with FMS, WMS, ERP, ferries and more to streamline logistics.

Updated November 4, 2025

Introduction

Qargo enables transportation companies to seamlessly connect their **transportation management system (TMS)** with external platforms through a wide range of integrations. These integrations cover many types of systems, including fleet management, telematics, warehouse, accounting, port and ferry booking systems, and visibility platforms.
By connecting to these systems, Qargo helps transportation operators:

- Automate workflows and reduce manual entry.
- Share data securely and in real time.
- Improve visibility and compliance.
- Coordinate operations across different departments and partners.

Qargo integrations are powered by flexible methods such as **EDI, API, webhooks and custom workflows**. This ensures every business can connect in the way that best suits its processes.

Terminology

The following terms are frequently used when working with integrations in Qargo:

- **Integration** – The connection between Qargo and an external system.
- **Connector** – The interface or method used to establish the integration.
- **Endpoint** – A specific data exchange location (e.g., API URL).
- **Data mapping** – Matching fields between Qargo and the external system.
- **Synchronization** – Data updates between systems, either push (Qargo → provider), pull (provider → Qargo), or bidirectional.
- **Authentication** – Security layer for integration access (e.g., OAuth, certificates).
- **EDI (electronic data interchange)** – Standard formats (EDIFACT, XML, CSV) for structured data exchange.
- **API (application programming interface)** – Qargo's open API for custom data exchange, job automation and developer flexibility.
- **Webhook** – Real-time data "push" trigger from one system to another.
- **Cost centers** – Accounting categorization used in Qargo for allocating transportation costs.
- **Departments** – Logical groupings that can be mapped between Qargo and ERP/accounting platforms.
- **OBC** - Onboard computer

Types of integrations in Qargo

Qargo supports multiple types of integration, each covering a functional area of transportation operations.

Integration type and example

Type	Example systems/providers	Typical functions/benefits	Push/pull data	Learn more
Fleet and telematics (FMS)	Transics, Samsara, Trimble, ZF, WACSonline	OBC functionality (driver question paths), GPS positioning, temperature tracking, dispatch jobs	Bidirectional (push dispatch, pull GPS)	
Warehouse management	Clarus, Oracle WMS, Blue Yonder	Inventory sync, order import/export, workflow automation	Bidirectional	
Accounting	Exact Online, SAP, SAGE, Xero	Cost centers, invoice sync, payment status, department mapping	Bidirectional	
Order imports	Qargo API /Transporeon	Send orders and order updates	Push into Qargo	
Pallet and container networks	Network portals, European pallet hubs	Pallet orders, scanning, POD sharing	Bidirectional	
Intermodal and ferry booking	Irish Ferries, P&O Ferries, Stena, Portbase, DP World (EU), CNS (UK), CLDN (SeaTruck), PSA	Ferry slot booking, container pre-advice, customs integration	Bidirectional	
Visibility and aggregator platforms	FourKites, project44, Shippeo	Real-time shipment visibility, customer portals	Push (status updates, GPS feeds)	
HRM/driver management	Driver scheduling and availability systems	Driver shifts, working hours, compliance data	Pull into Qargo	
E-invoicing	Peppol	E-invoice processing	Bidirectional	

Integration methods

Qargo supports multiple ways to integrate, ensuring flexibility:

- **EDI** – Industry-standard structured data formats (EDIFACT, XML, CSV).
- **Qargo API** – Secure endpoints for developers to push/fetch jobs, orders and documents, and to automate workflows.
- **Webhooks** – Event-driven data updates in real time.
- **Custom workflows** – Tailored setups for partner-specific processes, supported by Qargo's integration team.

The **Qargo API** provides maximum flexibility for customers and developers, while Qargo assists with data mapping and onboarding.

Getting started with integrations

To set up integrations in Qargo:

1. **Define client requirements** – Identify which systems need to connect (e.g., ERP, FMS, Portbase). Document data flows, security requirements and the accounting setup (cost centers, department mappings).
2. **Engage with the integrations onboarding manager (IOM)** – The IOM guides the client through requirements, available out-of-the-box integrations and custom needs.
3. **Configuration and testing** – Qargo works with the integration partner to configure the integration, map data and test push/pull functionality.
4. **Go live and monitor** – Once validated, the integration goes live. Qargo provides ongoing monitoring and support.

Prerequisites

- Clear definition of which systems need to connect.
- Access credentials for APIs/EDI endpoints.
- Accounting setup (cost centers, GL codes, departments mapped in Qargo).
- Any regulatory or compliance requirements defined in advance.

💬 To get started with setting up an integration, contact the Qargo account manager.